



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KENTUCKY, Northeast</u>									
KYZ101>103-105	Greenup - Carter - Boyd - Lawrence								
	04	0100EST 0800EST			0	0			Frost/Freeze
	Dawn readings of 30 to 32 degrees were common.								
Boyd County									
Cannonsburg	25	1817EST			0	0			Hail(1.75)
Boyd County									
2 SE Cannonsburg	25	1830EST			0	0			Thunderstorm Wind (EG50)
	Several trees fell along Route 3.								
Boyd County									
Catlettsburg	25	1833EST			0	0			Hail(1.00)
Carter County									
Olive Hill	31	0100EST			0	0			Thunderstorm Wind (EG50)
	Large branches were snapped off.								
Boyd County									
Ashland	31	0115EST			0	0			Thunderstorm Wind (EG50)
	Trees were blown down in the city.								
KYZ102>103	Carter - Boyd								
	31	0115EST 0300EST			0	0	20K		Flood
	A narrow band of heavier rain, on the order of 2 to 3 inches, fell overnight from repetitive thunderstorms across eastern Carter County into Boyd County. Williams and Rush Creeks flooded along the county line. Two homes in Boyd County were flooded.								
Lawrence County									
Louisa	31	0140EST			0	0			Thunderstorm Wind (EG50)
	Trees were blown into power lines.								
<u>OHIO, Southeast</u>									
OHZ066>067-075>076-083>087	Perry - Morgan - Athens - Washington - Jackson - Vinton - Meigs - Gallia - Lawrence								
	04	0100EST 0800EST			0	0			Frost/Freeze
	Dawn readings of 28 to 32 degrees were common, except some readings in the mid 30s along the Ohio River.								
Athens County									
Athens to Albany	11	1350EST 1430EST			0	0	2K		Flash Flood
Jackson County									
Jackson to Winchester	11	1350EST 1403EST			0	0	2K		Flash Flood
	Slow moving thunderstorms dropped 1.5 to 2 inches of rain in an hour over small localized areas. Small streams flooded roads, but no dwellings were affected.								
Vinton County									
1 W Mc Arthur to 2 W Mc Arthur	17	1930EST			0	0	10K		Thunderstorm Wind (EG50)
	A porch was blown off a house, while fallen trees damaged a house and a mobile home.								
OHZ066>067-075	Perry - Morgan - Athens								
	18 20	1630EST 1800EST			0	0	3.6M		Flood
	South of a frontal zone, repetitive showers and thunderstorms moved west to east across Perry and Morgan Counties during the								



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OHIO, Southeast

afternoon and evening hours of the 18th. The heaviest rains favored southern portions of Perry County and western sections of Morgan County. Between 1300 and 1800E, isolated rain amounts of 3 to 4 inches likely fell near Shawnee and north of Corning in Perry County. Western portions of Morgan County likely saw a 3 inch rain maximum. McConnelsville reported a 24 hour rain amount as 2.4 inches.

Creeks such as Monday, Sunday, and Wolf flooded during the evening of the 18th in Perry and Morgan Counties. Homes and businesses were flooded in Corning. About 70 residents were temporarily housed in Corning. In terms of damage to single family homes or mobile homes in Perry County, about 35 saw minor damage, 20 had major damage, and 3 were destroyed. Three businesses had minor damage.

Further down Sunday Creek, the flooding hit the villages of Glouster, Trimble, and Jacksonville of Athens County toward dawn on the 19th. Some residents were surprised. One resident of Glouster, who lost 2 cars, said he was in bed when the flooding started, and by the time he woke-up, the water was already waist deep. Several residents had to be rescued by boats. The Trimble Post Office had over 2 feet of water inside, but most of the mail was kept dry. In Athens County, around 85 single family homes and mobile homes had minor water damage, 42 had major damage, and 3 were destroyed. Approximately 18 businesses saw minor damage, while 2 businesses sustained major damage.

The West Branch flows into the main stem of Sunday Creek at Glouster. The USGS gauge at Glouster rose about 15 feet in 18 hours, cresting at 19.02 feet around midday on the 19th. This is the second highest on record. The flood of record is 22 feet. It occurred way back in March of 1907. More recently, on June 28, 1998, the crest was 18.62 feet.

Further west, on Monday Creek at Doanville, the crest was 18.8 feet on the 20th. The highest on record is 19.6 feet in August of 1997. The Hocking River in the community of Athens crested at 20.8 feet during the 20th, less than a foot above its 20 foot flood stage.

A federal disaster declaration for Ohio included Athens and Perry Counties. See FEMA disaster number 1519 for details.

Perry County 5 N Shawnee	21	1715EST			0	0			Thunderstorm Wind (EG50)
			Several trees fell across roads.						
Washington County Devola	21	1730EST			0	0			Thunderstorm Wind (EG50)
			Trees were blown down.						
Athens County Countywide	21	1805EST 1810EST			0	0			Thunderstorm Wind (EG50)
			Scattered locations across the county had trees blown down.						
Morgan County 5 SE Mc Connelsville	21	1810EST			0	0			Thunderstorm Wind (EG50)
			Trees fell across roads.						
Washington County East Portion	21	1830EST 2000EST			0	0	10K		Flash Flood
			Duck Creek flooded roads near Whipple and Stanleyville. A truck was flooded by Newell Run near Newport.						
Gallia County 7 W Patriot	26	1143EST			0	0			Hail(1.50)
			A single thunderstorm cell developed in southeast Ohio, ahead of an approaching squall line						
Washington County Lowell	27	1743EST			0	0			Hail(1.00)
Perry County New Lexington	27	1808EST			0	0			Thunderstorm Wind (EG50)
			Trees fell across roads.						



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					Killed	Injured	Crops			
<u>OHIO, Southeast</u>										
Morgan County Stockport	27	1820EST			0	0				Hail(1.25)
Washington County Little Hocking	27	1828EST			0	0				Thunderstorm Wind (EG50)
		Several trees were blown down.								
Vinton County Countywide	27	1920EST 1925EST			0	0				Thunderstorm Wind (EG50)
		Scattered locations about the county had trees down and power outages.								
Jackson County Oak Hill	27	1922EST			0	0				Hail(0.75)
Gallia County Bidwell	27	1934EST			0	0				Hail(0.75)
Meigs County 4 NW Pomeroy	27	1940EST			0	0				Thunderstorm Wind (EG50)
		Trees were blown down in the Wolfpen vicinity.								
Gallia County Mercerville	27	1955EST			0	0				Hail(0.75)
Jackson County Countywide	27	2015EST 2020EST			0	0				Thunderstorm Wind (EG50)
		Scattered locations had trees blown down								
Lawrence County Countywide	27	2025EST 2030EST			0	0				Thunderstorm Wind (EG50)
		Scattered locations had trees down on power lines.								
Gallia County Bidwell	27	2035EST			0	0				Hail(0.75)
Gallia County North Portion	27 28	2100EST 0300EST			0	0		25K		Flash Flood
		Multiple thunderstorms dumped 2 to 3.75 inches of rain in less than 6 hours on terrain wet from rains the previous day. The cooperative observer at Gallipolis measured 3.73 inches. Water got into buildings in Thurman. The campground at the county fairgrounds outside of Gallipolis was evacuated								
Lawrence County Chesapeake	31	0130EST			0	0				Hail(0.75)
<u>VIRGINIA, Northwest</u>										
VAZ003>004		Dickenson - Buchanan								
	04	0100EST 0800EST			0	0				Frost/Freeze
		Dawn temperatures were in the 29 to 33 degree range.								
Dickenson County Clintwood	24	2345EST			0	0				Hail(0.75)



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WEST VIRGINIA, West									
WVZ005>011-013>020-024>040-046>047 Wayne - Cabell - Mason - Jackson - Wood - Pleasants - Tyler - Lincoln - Putnam - Kanawha - Roane - Wirt - Calhoun - Ritchie - Doddridge - Mingo - Logan - Boone - Clay - Braxton - Gilmer - Lewis - Harrison - Taylor - McDowell - Wyoming - Raleigh - Fayette - Nicholas - Webster - Upshur - Barbour - Pocahontas - Randolph									
	04	0100EST 0800EST			0	0			Frost/Freeze
Dawn temperatures in the upper 20s to lower 30s were common, except some readings in the mid 30s along the major river. The 28 degrees at Beckley and the 30 degrees at Parkersburg were records for the date									
Wood County									
Parkersburg	07	1410EST			0	0			Thunderstorm Wind (EG50)
Several trees were blown down.									
Ritchie County									
2 W Harrisville	07	1420EST			0	0			Thunderstorm Wind (EG50)
Trees and power lines were knocked down in North Bend State Park.									
Lewis County									
Weston	07	1510EST			0	0			Thunderstorm Wind (EG50)
Trees fell in the city.									
Harrison County									
Shinnston	07	1512EST			0	0			Thunderstorm Wind (EG50)
Trees and power lines were blown down.									
Harrison County									
1 W Bridgeport	07	1515EST			0	0	5K		Thunderstorm Wind (EG55)
A section of a wall under construction at a doctor's office building was blown over at the New Pointe Plaza. One vehicle was damaged.									
Taylor County									
Grafton to Blueville	07	1530EST			0	0			Thunderstorm Wind (EG50)
Trees fell onto power lines.									
Barbour County									
Philippi	07	1535EST			0	0			Hail(1.00)
Barbour County									
Philippi	07	1535EST			0	0			Thunderstorm Wind (EG50)
Trees fell onto power lines.									
Barbour County									
1 NE Philippi	07	1540EST			0	0			Thunderstorm Wind (EG50)
A man was trapped in his vehicle along Fords Run from fallen trees and power lines.									
Upshur County									
Buckhannon	07	1540EST			0	0			Thunderstorm Wind (EG50)
Large tree branches were snapped off.									
Randolph County									
Elkins	07	1600EST			0	0			Hail(1.00)
Thunderstorms developed in the warmer and more unstable air over southeast Ohio, just south of a strong cold front. The storms intensified as they moved from about 290 degrees at 45 to 50 mph across north central West Virginia.									
Raleigh County									
5 W Prosperity	11	1719EST			0	0			Thunderstorm Wind (EG50)
Trees were blown down.									
Webster County									
Hacker Vly	12	1405EST			0	0			Hail(0.75)



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					Killed	Injured	Property Crops	

WEST VIRGINIA, West

Fayette County

Fayetteville	12	1705EST			0	0	1K	Thunderstorm Wind (EG55)
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Several trees were blown down along Hess Street, Old Court Street, and Goddard Avenue. Power lines were also knocked down by the trees. Luckily, no structural damage occurred to the nearby homes.

WVZ031

Harrison

18	2000EST			0	0	75K	Flood
19	0200EST						

Repetitive showers favored the Salem Fork of Ten Mile Creek in western Harrison County. During Tuesday evening of the 18th, rain amounts of 2.5 to 3 inches likely fell in 4 to 6 hours. East and West Main Streets in Salem saw 2 to 6 inches of water, which caused minor water damage to about 13 businesses. However, the Daily Mart had 2 to 3 feet of water inside. Two homes in Salem had a couple of inches of water on the first floor. The city building had about 6 to 8 inches of water inside. However, no records were damaged.

Wood County

Williamstown	21	1750EST			0	0	Thunderstorm Wind (EG50)
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Several trees were blown down.

Tyler County

Countywide	21	1805EST 1810EST			0	0	Thunderstorm Wind (EG50)
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Pleasants County

Countywide	21	1810EST 1815EST			0	0	Thunderstorm Wind (EG50)
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Doddridge County

West Union	21	1812EST			0	0	Thunderstorm Wind (EG50)
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Numerous power outages occurred after trees fell onto power lines.

Ritchie County

1 N Harrisville	21	1812EST			0	0	Hail(1.00)
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Quarter size hail fell along Route 16.

Ritchie County

Countywide	21	1815EST 1820EST			0	0	Thunderstorm Wind (EG50)
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Trees fell onto power lines.

Harrison County

Clarksburg	21	1830EST			0	0	Thunderstorm Wind (EG50)
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Large branches were snapped off.

Taylor County

Grafton	21	1830EST			0	0	Thunderstorm Wind (EG50)
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Large branches were blown down.

Wirt County

Burning Spgs	21	1830EST			0	0	Thunderstorm Wind (EG50)
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Gilmer County

Glenville	21	1834EST			0	0	Hail(0.75)
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Lewis County

Countywide	21	1850EST 1855EST			0	0	Thunderstorm Wind (EG50)
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Scattered locations saw trees or large branches blown down.

Barbour County

Countywide	21	1855EST 1900EST			0	0	Thunderstorm Wind (EG50)
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Scattered locations saw trees down on roads.



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					Killed	Injured	Property Crops	

WEST VIRGINIA, West

Upshur County
Buckhannon 21 1905EST 0 0 Thunderstorm Wind (EG50)
 Trees fell across roads.

Braxton County
Gassaway to Frametown 21 1910EST 0 0 Thunderstorm Wind (EG50)
 Trees were blown down.

Randolph County
Mill Creek 21 1915EST 0 0 1K Thunderstorm Wind (EG50)
 Trees fell onto a mobile home.

Webster County
Webster Spgs 21 1925EST 0 0 1K Thunderstorm Wind (EG50)
 Trees fell onto a house. Several roads were blocked by fallen trees.

Nicholas County
Summersville 21 1940EST 0 0 Thunderstorm Wind (EG50)
 Trees and power lines were blown down.

Fayette County
Countywide 21 2020EST
 2025EST 0 0 Thunderstorm Wind (EG50)
 Trees fell across power lines.

Raleigh County
Countywide 21 2050EST
 2055EST 0 0 Thunderstorm Wind (EG50)
 Trees fell across power lines.

A large cluster of thunderstorms formed along a strong east to west frontal boundary in Ohio. The storms then dropped southeast into West Virginia during this Friday evening. Fallen trees and large branches caused widespread power outages

Putnam County
Teays 25 1345EST 0 0 Hail(0.75)

Lincoln County
Hamlin 25 1358EST 0 0 Hail(0.75)

Lincoln County
West Hamlin 25 1400EST 0 0 Hail(1.00)

Wayne County
Ft Gay 25 1405EST 0 0 Thunderstorm Wind (EG50)
 Trees were blown down.

Kanawha County
2 NW Tornado 25 1410EST 0 0 Hail(0.88)

Kanawha County
St Albans 25 1415EST 0 0 Hail(1.25)

Logan County
Man 25 1440EST 0 0 Thunderstorm Wind (EG50)

Boone County
2 NW Jeffrey 25 1445EST 0 0 Thunderstorm Wind (EG50)
 Trees fell down along Six Mile Creek.

Boone County
Danville 25 1523EST 0 0 Hail(0.75)

Fayette County
1 E Ansted 25 1535EST 0 0 Hail(0.75)



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					Killed	Injured	Property	Crops	
<u>WEST VIRGINIA, West</u>									
Wyoming County Mullens	25	1535EST			0	0			Hail(1.00)
Wyoming County Pineville	25	2128EST			0	0			Hail(0.75)
Mason County 4 S Leon	26	1220EST			0	0			Hail(1.00)
Putnam County Paradise	26	1240EST			0	0			Hail(0.75)
Jackson County Kenna	26	1245EST			0	0			Hail(0.88)
Jackson County Goldtown	26	1300EST			0	0	5K		Thunderstorm Wind (EG50)
A roof was torn off a barn and several trees were knocked down.									
Clay County Procious	26	1340EST			0	0			Hail(1.00)
Nicholas County Richwood	26	1405EST			0	0			Thunderstorm Wind (EG55)
Several trees blown down, especially across high terrain.									
Fayette County Countywide	26	1640EST			0	0			Thunderstorm Wind (EG50)
Numerous locations had trees and power lines knocked down.									
Raleigh County Lester	26	1650EST			0	0			Thunderstorm Wind (EG50)
Large tree branches were blown down.									
A single thunderstorm cell developed in southeast Ohio and turned severe, as it crossed through West Virginia during the early afternoon. A fast moving squall line quickly followed, causing some wind damage over the higher terrain of Fayette and Raleigh Counties.									
Jackson County Fair Plain to Goldtown	27	1815EST 1820EST			0	0			Thunderstorm Wind (EG50)
Trees fell on power lines from Fairplain through Kenna to Goldtown.									
Tyler County Sistersville	27	1830EST			0	0			Thunderstorm Wind (EG50)
Large branches were blown down.									
Wirt County Countywide	27	1830EST 1835EST			0	0			Thunderstorm Wind (EG50)
Scattered locations had trees blown down, with a higher concentration along Route 7									
Pleasants County Sugar Vly	27	1845EST			0	0			Thunderstorm Wind (EG50)
Trees were knocked down.									
Roane County Reedy	27	1850EST			0	0			Hail(0.75)
Tyler County 1 S Alma	27	1850EST			0	0			Thunderstorm Wind (EG50)
Trees fell along Route 18.									
Doddridge County West Union	27	1900EST			0	0			Hail(1.00)



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					Killed	Injured	Property	Crops	
<u>WEST VIRGINIA, West</u>									
Braxton County									
Wilsie	27	1930EST			0	0			Thunderstorm Wind (EG50)
Trees were knocked down along Route 9.									
Gilmer County									
Countywide	27	1935EST 1940EST			0	0			Thunderstorm Wind (EG50)
The county department of highways had to clear downed trees along roads in scattered locations.									
Harrison County									
1 W West Milford	27	1940EST			0	0			Hail(1.00)
Mason County									
Mason	27	1946EST			0	0			Thunderstorm Wind (EG50)
Large branches were blown down.									
Braxton County									
Sutton	27	2005EST			0	0			Hail(1.00)
Webster County									
3 S Hacker Vly	27	2010EST			0	0			Thunderstorm Wind (EG50)
Large branches fell across Route 20 on Hodam Mountain.									
Gilmer County									
Shock	27	2015EST			0	0			Hail(1.00)
Jackson County									
Countywide	27	2015EST 2330EST			0	0	400K		Flash Flood
Rains of 2.5 to 3.5 fell over wet terrain in less than 6 hours. Several small streams flooded. Pocatalico Creek flooded at least 5 homes in the southern portion of the county. In one home, the water was 5 feet deep inside. Kenna Elementary School had 2 to 3 inches of water in parts of the building. Damage assessment counted major damage to 5 homes in Jackson County.									
Mason County									
North Central Portion	27 28	2015EST 0015EST			0	0	40K		Flash Flood
Rains of 2.5 to 3.5 inches fell in less than 6 hours. Point Pleasant reported 3 inches of rain. Small streams covered many roads. However, damage to dwellings was not reported.									
Calhoun County									
2 SE Grantsville	27	2030EST			0	0			Thunderstorm Wind (EG50)
Trees fell along Route 7.									
Jackson County									
Ripley	27	2045EST			0	0			Thunderstorm Wind (EG50)
Large branches were blown down.									
Mason County									
Leon	27	2045EST			0	0			Thunderstorm Wind (EG50)
Randolph County									
Norton	27	2045EST			0	0			Thunderstorm Wind (EG50)
A few trees were knocked down.									
Jackson County									
Goldtown	27	2100EST			0	0			Thunderstorm Wind (EG50)
Roane County									
Countywide	27	2100EST 2110EST			0	0			Thunderstorm Wind (EG50)
Scattered locations saw trees fall across roads.									



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WEST VIRGINIA, West

Webster County

2 N Webster Spgs	27	2125EST			0	0			Hail(0.75)
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Braxton County

Countywide	27 28	2200EST 0230EST			0	0	500K		Flash Flood
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Rains of 2.5 to 3.5 inches of rain fell. Rosedale reported 2.7 inches of rain, while Sutton measured 2.6 inches. Evacuations took place in Newville and near Flatwoods. Water was in homes and blocking roads. Some roads and culverts were washed out. Damage assessment counted 17 homes with major damage in the county.

Randolph County

1 W Pumpkintown	27	2200EST			0	0			Thunderstorm Wind (EG50)
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Trees fell across Route 151.

Putnam County

Countywide	27 28	2230EST 0230EST			0	0	750K		Flash Flood
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One mobile home in the Spring Branch area was destroyed by flood waters. Several mobile homes in the Westwood Mobile Home Park, west of Hurricane, had insulation, underpinning, heating, and air conditioner damage. Three state bridges and several private bridges were damaged. Preliminary assessment reported about 45 homes in the county with major damage.

Kanawha County

Countywide	27 28	2300EST 0300EST			0	0	500K		Flash Flood
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Rains of 2.5 to 3 inches fell in less than 6 hours. Tornado reported 3.05 inches. Two and Three Quarter Mile Creek flooded the Green Valley area near St. Albans, damaging roads and flooding vehicles. The St. Albans Fire Department made boat rescues to evacuate some residents.

Across the Kanawha River, Finney Branch also flooded in Institute. Three homes in Finney Hollow had 3 feet of water in their living area. About 24 homes in the county had major damage.

WVZ016-018-027-029-038>039

Roane - Calhoun - Clay - Gilmer - Webster - Upshur

	27 28	2315EST 0400EST			0	0	275K		Flood
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Raleigh County

Saxon to Fairdale	28	0145EST			0	0	50K		Thunderstorm Wind (EG61)
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Along Brunty Hollow Road, a porch was ripped off a house along with a portion of its roof. There was sporadic tree damage and a couple power poles were snapped off at the top. At least one vehicle was hit by a fallen tree. On Saxon Road near Shiloh, a pole barn had part of its roofing taken off. At one point, downed trees blocked many local roads. Most of the damage occurred in clearings within valleys, where trees on the edge of the forested land took the brunt of the force. Due to channeling down the valleys, wind speeds could have reached 70 mph.

This was the initial event that prompted a federal disaster declaration. See FEMA disaster number 1522 for details. Subsequent flooding occurred elsewhere on the 30th and 31st, then again in June, adding to this disaster.

Besides the flash flooding in Braxton, Mason, Putnam, Jackson, and Kanawha Counties, flooding also occurred across portions of Roane, Webster, Clay, Upshur, Calhoun, and Gilmer Counties. Rains of 2 to 2.5 inches were more common here. Yet, Hacker Valley in Webster County did measure a 24 hour rain amount of 3.7 inches. The flooding was mostly minor. However, 7 homes in Roane County did sustain damage. One home near Gandeeville had 2 feet of water inside. The Right Fork of the Holly River near Guardian crested at 11.5 feet on the 28th. The bankfull level there is 8 feet. On the Little Kanawha River, the crest at Glenville was 24 feet on the 28th, a foot above flood stage.



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WEST VIRGINIA, West

Mingo County Countywide

30	2230EST	0	0	9M	Flash Flood
31	0630EST				

Repetitive thunderstorms dumped 3.5 to 4.5 inches of rain in the Williamson and Delbarton vicinity on north toward the Route 119 corridor. Williamson, Millstone and Buffalo Mountain all measured around 4.25 inches of rain. The ground was already wet from previous rain. Over this steep terrain, severe flash flooding occurred along with landslides. The Pigeon Creek basin, including such tributaries as Rockhouse Fork, Elk Creek, Conley Branch, Trace Fork, and Laurel Fork received the full burnt of the runoff. This included such communities as Taylorville, Varney, Delbarton, Ragland, Belo, and Lenore

Around 90 homes were destroyed with 165 home sustaining major damage in Mingo County. The high school and the middle school for Williamson both received some water damage.

Later on the 31st, the runoff caused the Tug Fork to crest at 39.8 feet at Kermit. Flood stage is 38 feet. An oddity to this event, was the fact that the Tug Fork River at Williamson did not even reach flood stage. The rain was lighter over the headwaters, upstream of Williamson.

Wyoming County Oceana

30	2235EST	0	0	Hail(0.75)
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Logan County Countywide

30	2245EST	0	0	7M	Flash Flood
31	0630EST				

The axis of heavier rain ran east out of Mingo County through central and southern Logan County, generally south and east of the city of Logan. The maximum rain amounts dampened just slightly from Mingo County, with a maximum of around 4 inches. The 24 hour rain amount at the cooperative observer at Man was 4.15 inches. A gauge south of Holden near Pickering Knob and the county line measured 3.5 inches. The Island Creek basin, including Cooperas Mine Fork and Whitman Creek, plus other streams such Rich Creek and Buffalo Creek were in the heaviest rains over Logan County. Communities such as Holden, Whitman, Cora, Omar, Chauncey, Switzer, Monaville, and Wilkinson were hit hard by flash flooding. The Mt Gay business area was hit hard by the combination of the Island Creek flash flood and the swollen Guyandotte River. Water was 3 to 4 feet deep in some businesses. The Guyandotte River crested at 26.2 feet at Logan, slightly higher than the May 1996 crest of 25.7 feet. The river crest was the highest level since R. D. Bailey Dam, and the 10th highest on record. Flood stage at Logan is 23 feet.

Damage assessment counted 31 homes destroyed, most of which were mobile homes. Major damage occurred to 204 homes.

Mingo County Justice

30	2255EST	0	0	Thunderstorm Wind (EG50)
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Raleigh County Crab Orchard

30	2310EST	0	0	Hail(0.75)
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Wyoming County Baileysville

30	2330EST	0	0	Thunderstorm Wind (EG50)
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Logan County Lorado

30	2355EST	0	0	Hail(1.00)
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National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

WEST VIRGINIA, West

Raleigh County

Slab Fork	31	0000EST			0	0			Hail(1.25)
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Wyoming County

Oceana	31	0011EST			0	0			Thunderstorm Wind (EG50)
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Large branches were blown down.

WVZ026-035

Boone - Raleigh

31		0015EST 0600EST			0	0	300K		Flood
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Raleigh County

Slab Fork	31	0025EST			0	0			Hail(1.00)
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Wyoming County

North Portion	31	0030EST 0400EST			1	0	500K		Flash Flood
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The rain maximum came out of southern Logan County and rain east, across northern portions of Wyoming County. The maximum rain amount in the 3.5 to 4 inch range was likely for northern Wyoming County. This included portions of Huff Creek, Clear Fork including its Trace Fork, and Laurel Fork. Oceana measured 3.5 inches. Pineville had 2.4 inches.

Flood water from Huff Creek surrounded an elderly couple's home in Cyclone. The 71 year old husband went to his flooded basement to check on a water pump, which ran on gasoline. Apparently, he fell unconscious from the exhaust fumes and drowned. His wife was also overcome, but was rescued and revived.

The lower sections of Oceans were flooded.

Damage assessment had 5 homes destroyed in Wyoming County, plus 6 more homes with major damage. M71PH

Raleigh County

Cool Ridge	31	0040EST			0	0			Thunderstorm Wind (EG50)
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Several trees were blown down.

Cabell County

Huntington	31	0200EST			0	0			Thunderstorm Wind (EG50)
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Trees and power lines came down in the city.

Wayne County

Lavalette	31	0212EST			0	0			Thunderstorm Wind (EG50)
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Trees were knocked down along Route 152.

Putnam County

2 NE Hurricane	31	0230EST			0	0			Thunderstorm Wind (EG50)
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Trees fell along Cow Creek and Popular Fork.

Boone County

Ottawa	31	0300EST			0	0			Hail(0.75)
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Kanawha County

Charleston	31	0300EST			0	0			Thunderstorm Wind (EG50)
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Trees were blown down

Logan County

Countywide	31	0300EST 0305EST			0	0			Thunderstorm Wind (EG50)
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Scattered locations saw trees or large branches blown down

Raleigh County

2 W Bradley	31	0325EST			0	0			Thunderstorm Wind (EG50)
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Trees were blown down along Sand Branch Road.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

WEST VIRGINIA, West

Wyoming County

Rockview	31	0330EST			0	0			Thunderstorm Wind (EG50)
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Fayette County

Smithers	31	0350EST			0	0			Thunderstorm Wind (EG50)
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Trees were knocked down.

The flash flooding in Mingo, Logan, and Wyoming Counties became part of the federal disaster area. Additional flooding, but on a more localized scale, would occur in the disaster area in early June. Around 500 National Guard troops were used in the flood cleanup and recovery. Some of the units had just returned from 14 months in Iraq. The only uniform available to some of the troops, was what they wore home. The rest of their gear was still awaiting shipment back to West Virginia. As a result, some of the troops were in desert camouflage, while working in Mingo County. One soldier said, "they won't care what we're wearing, just as long as we're down here."

In comparison to Mingo, Logan, and Wyoming Counties, the flooding was minor across sections of Raleigh and Boone Counties. The Marsh Fork and the Clear Fork basins of western Raleigh County saw a dampened rain maximum compared to points further west. Rains of 2.5 to 3 inches were measured in parts of Raleigh County. The stream gauge on the Clear Fork near Leevale crested at the 18 foot bankfull level. A rain maximum of 3 to 3.5 inches likely fell over extreme southeastern portions of Boone County. This caused minor flooding along the Pond and Spruce Forks, plus the Little Coal River near Madison and Danville. One house was moved off its foundation by a landslide along Route 3 between Seth and Orgas.